



2010

	
	
	
	
	
	
	
1 :	
1	.....	1.1
3	.....	2.1
4	.....	3.1
4	.....	4.1
5	.....	5.1
6	.....	6.1
7	.....	7.1
9	.....	8.1
10 :	
10	.....	1.2
41	.....	2.2
53 :	
53	.....	1.3
53	.....	2.3

55	.....	3.3
56	.....	4.3
57	.....	5.3
57	.....	6.3
59 :	
59	.....	1.4
74	.....	2.4
96	.....	3.4
103	.....	4.4
104	.....
114	.....

54	.	-1
56	.	-2
57	.	-3
60		-4
61	.	-5
62	.	-6
63	.	-7
64	.	-8
65	.	-9
66	.	-10
67	.	-11
68	.	-12
69	.	-13
70	.	-14

71		-15
72		-16
73		-17
74		-18
75	(Analysis Of variance)	-19
76		-20
77	"Stepwise Multiple Regression "	-21
78		-22
79	"Stepwise Multiple Regression "	-23
80		-24
81	"Stepwise Multiple Regression "	-25
82		-26
84	"Stepwise Multiple Regression "	-27

85		-28
86	"Stepwise Multiple Regression "	-29
87		-30
88	)	-31
89	.(	-32
90		-33
91		-34
92	(t)	-35
92	.()	-36
94		-37
95		-38
96		-39
96	(t)	-40

9

.....

-1

114

أ

119

ب

121

ج

2010

(371)

(SPSS.16)

:

.1

.

.2

(%51.8)

$(0.05 \geq \alpha)$

.3

)

(

$(0.05 \geq \alpha)$

.(

)

.

Abstract

The Impact of Complexity of work Procedures on Organizational Performance: an applied study on the Ministry of Justice in the region of Tabuk in Saudi Arabia

Jamal Al- Atawi

Mutah University, 2010

This study aimed at investigating the impact of complexity of work procedures on organizational performance from the perspective of employees in Ministry of Justice in the region of Tabuk in KSA. To achieve the objectives of this study, a questionnaire was developed for data collection. The study population was composed of (371) employees where Statistic Package for Social Science, Version 16 (SPSS, 16) was used to analyze the questionnaire data. The most important findings of this study were the following:

1. The perceptions of employees toward complexity of work procedures in the Ministry of Justice in the region of Tabuk were ranked at medium degree, and their perceptions of the level of organizational performance were ranked at high degree.
2. There is an impact of complexity of the work procedures dimensions in organizational performance which explains (51.8%) of variation in the dependent variable (organizational performance).
3. There are significant differences ($\alpha \leq 0.05$) in the employees perceptions toward complexity of work procedures attributed to (academic qualification, age, professional level, and experience) variables, and significant differences exist ($\alpha \leq 0.05$) in the employees perceptions toward organizational performance attributed to (academic qualification, age, and experience) variables.

The study recommends that the Ministry of Justice of the Kingdom of Saudi Arabia should adopt management philosophy and organizational methods support the mechanisms to simplicities of the procedure for action to improve corporate performance, and by working to change some regulations and instructions that the concentration of power in the hands of senior management to give an opportunity to minimum levels of participation of administrative decisions and the executive.

: 1.1

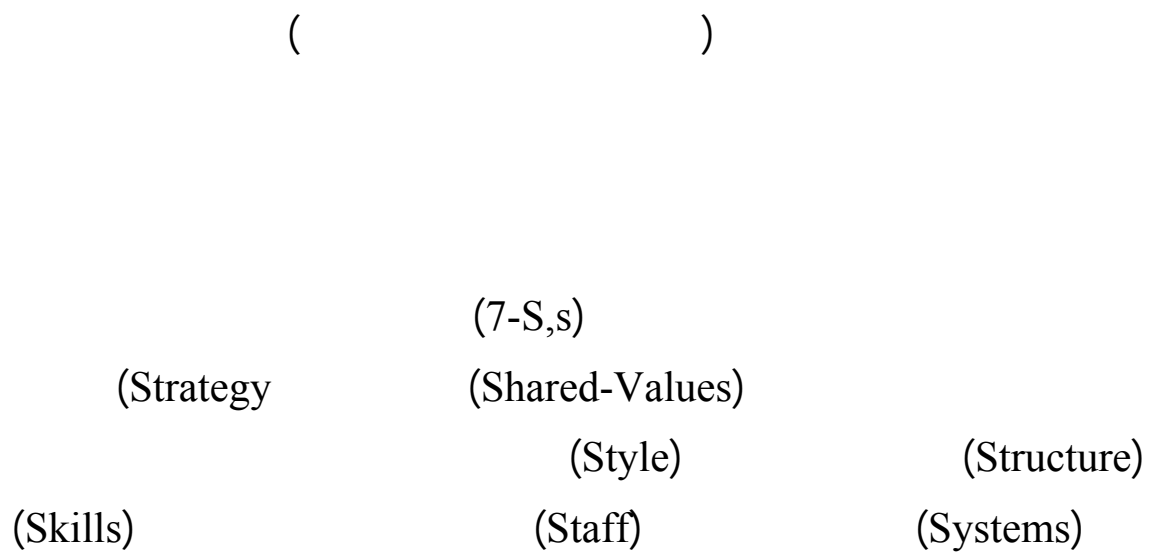
.

.

.

.

.



: 2.1

.

.

.

·
·

.

: 3.1

:

:

:

:

: 4.1

:

.1

.

.2

.

.3

.

: 5.1

:

. -1

-2

)

.(

-3

)

(

.

-4

)

(

)

(

-5

.

$(\alpha \geq 0.05)$

:

)

(

.

$(\alpha \geq 0.05)$

:

)

(

.

$(\alpha \geq 0.05)$

:

)

(

.

$(\alpha \geq 0.05)$

:

)

(

.

:

$(\alpha \geq 0.05)$

)

(

≥ 0.05)

:

$(\alpha$

)

.(

:

7 .1

:

:

.

.

:

:

.1

.

:

.2

.

:

.3

.

:

.4

.

:

.5

.

:

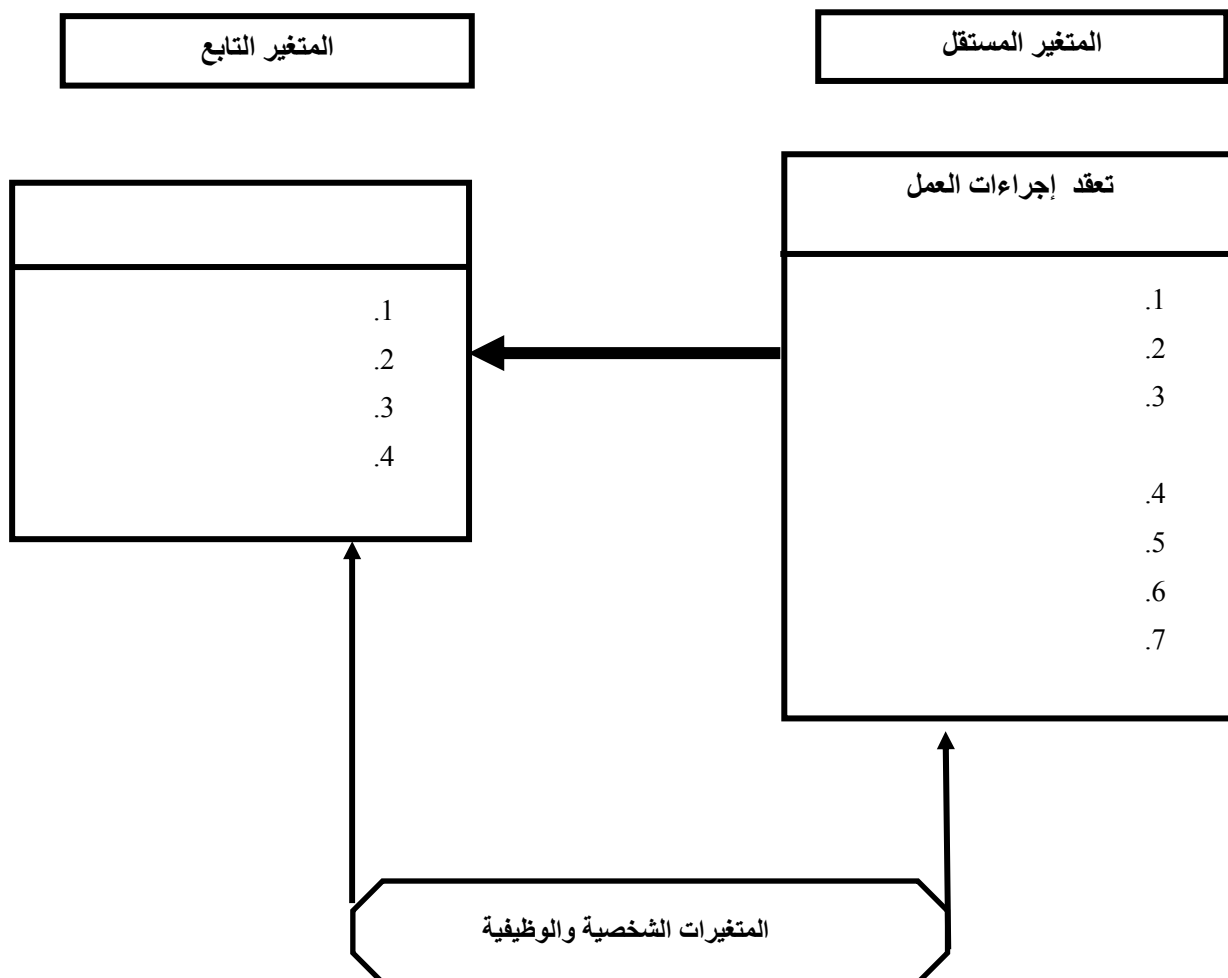
.6

.

	:	.7
	:	.
.	:	.
	:	.1
.	:	.2
.	:	.3
()	:	.4
.		

(1)

(1)



:

1.2

:

:

" :

. (87 – 86 :1990) ."

:

(272 :2007) ."

.(1999)

.(1995)

:
(73 : 1996) .

.(167 :1996) .

.(
:(277-275 :2007)

,

,

,

.

:

.

(2009)

.

(2008)

.

:

.

.(2007)

(2009)

.

(Gerhart, 2007)

Zuraidah &,)

(Takiah, 2007

):

Andreas, et.al,)

.(

) :

(2006

.(

) :

.(

:

(Kivimaki, et,al, 2006)

:

(Gerhart, 2007)

:

.1

.2

.	.3
.	.4
.	.5
.	
(2007)	
:	
.	.1
.	.2
.	.3
.	.4
(Robbins, 2001)	
:	
.	-
.	-
.	-
.	-
.	
:	
(Kivimaki, et,al, 2006; Andreas, et.al, 2006)	
.	

Intellectual)

)

(Capital

.(1998

(Biren, 2005)

(Andreas, et,al, 2006)

(2007)

(Sasso, 1986)

:

.1

.2

.3

(Valentine, 2001)

:

.1

.2

.3

(Andersson, & Tengblad, 2009)

:(Gerhart, 2007)

-1

-2

-3

-4

-5

:

(Vicente, et.al, 2001)

:

.	.1
.	.2
.	.3
.	.4
.	
.	.5
.	.6
.	
.	.7
.	.8

(Michael, 2008)

:

.	.1
.	
.	.2
.	.3
.	.4
.	.5
.	.6
.	.7

:

:

: -1

.

.(2004)

.2

.

.(Angell, & lance, 2009)

.(Bjorkman, 2009)

: **.3**

.

.(Wolfe, 1994)

.

(Malcolm, et,al, 2005) .

: **.4**

.

.(2002)

.

.

(2006) .

.5

(2007)

(2009) .

(2003)

()

.

: **.6**

.

.

.(2000)

.

.(2005)

: **.7**

(2007) .

.

(2005) .

(Hughes, 2002)

.

.

(2001) .

: **.8**

:

(2002) .(2005)

.(2007)

(2008) .(2005)
(2001)

.
:

.(102 :2002)

(1995) (1999)

"

"

: (Kotler, 2000:40)

.

: (Shaw, et.al, 2005)
)

.

.(Macinat, 2007)

" (2008)

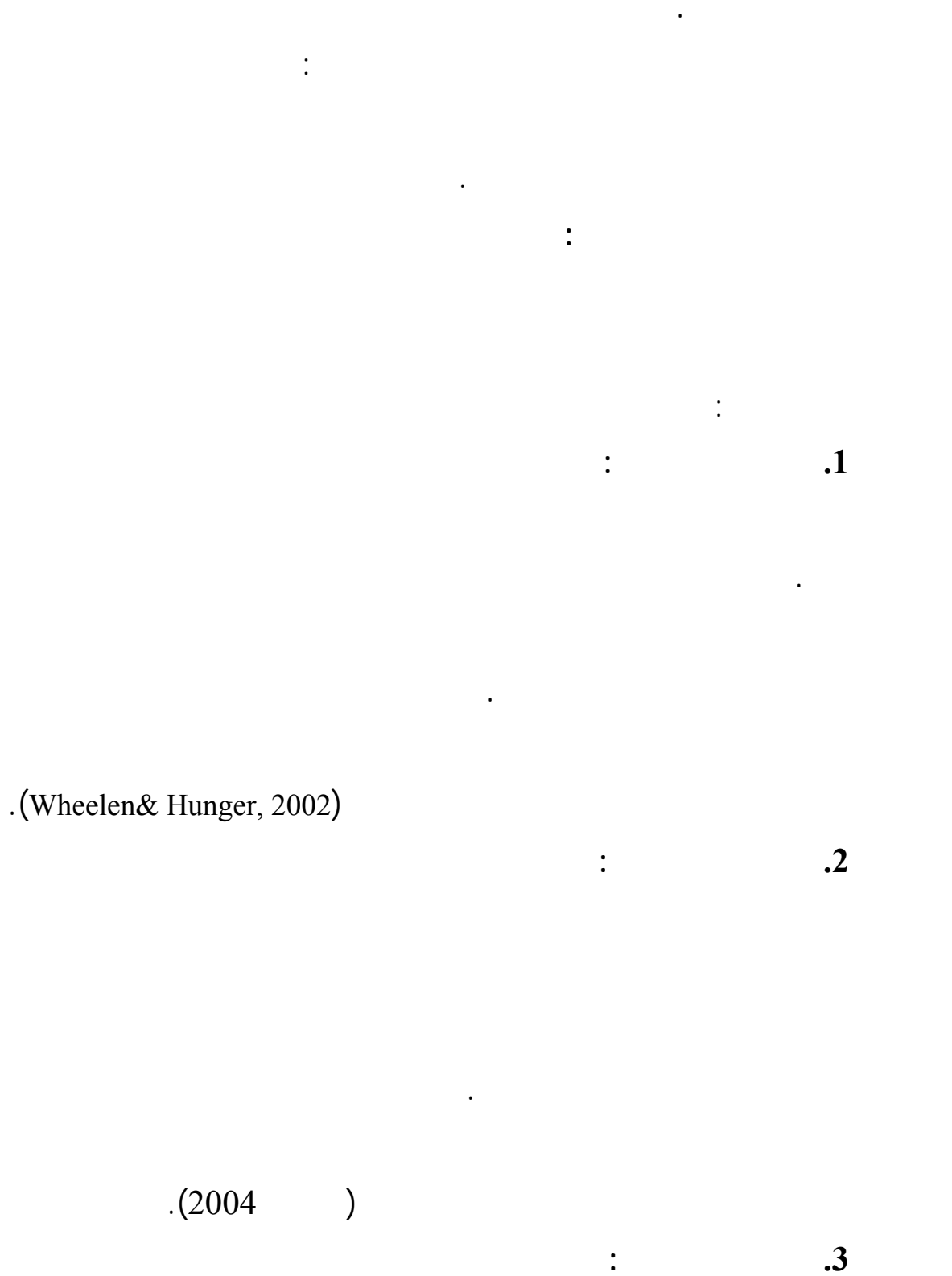
"

(2008) (Slack,1998 :40)

:

.

(Ho, 2008)



.

)

.(2004

..

.

(1999)

(Halachmi A. and Boucharet, 2001)

"

Hanna,)

:(2003

1. -:

.

2. -:

.

.3 -:

.

.4 -:

.5 -:

.

.6 -:

.

.7 -:

.

-. (1998)

(59 :2005) :

) .1

. (

() .2

.

.3

.

:(1999)

)

.1

.(

(

.2

.

.3

.

.

:

"

.(Wilson, 2005) "

Beardwell &) .

(Holden, 2005

.

.(Daft,2004)

. (Rao,2004)

:

:

.1

"

"

"

"

.(2004)

: .2

: .3

(2001)
() ()

.
)

: (

.1

.2

.

: .4

.
:

.(2007)

: .5

: (Ratios)

.(2001)

: .6

:

)

.(2001

: .6

:

.(2004)

: .7

.

) : ISO 9000

(

.(2002)

:

(Kaplan and Atkinson, 1997)

(Return on Assets)

(Return on Capital Employed)

.

Balanced (BSC)

(Kaplan and Norton, 1992)

Scorecard

(Kaplan, 1983,1984; Nanni,et.al.,1990; Govindarajan and Shan;, 1992)

(Johnson and Kaplan, 1987;

Fitzgerald, et.al., 1991; Gregory, 1993)

.

: (2007)

:

-1

.

:

-2

.

:(2007)

: -1

.

: -2

.

: -3

.

:

:(2004)

.1

.

	.2
	.3
	.4
	.5
	.6
	.7
	.8

(Wheelen& Hunger, 2002)

: (2002)
 .
 (2004)
 (2002) .
 :
 .
 :

.1
:
(19 :2005)

(216 :2005)

.
:Goal Approach .2

.(Daft,2001)

(Wolfe, 1994)

.

.

(Dougherty & Hardy, 1996)

.

Internal process Approach

.3

.(Harrington, & Harrington, 1998)

(2007)

Stakeholders Approach () . 4

(Ramaswamy, 1996)

.(Oldcorn & Parker, 1996)

(Kotler, 2000)

(182 :2007)

.5

(21 :2005)

(291 :2005)

(341 :2007)

(185 :2007)

.

: 2.2

:

:

.

"

(2009)

:

.

(264)

(37)

:

)

-1

(

-2

.

"

(2007)

"

(395)

:

.1

.

.2

.

.3

.()

)

.4

.

(

" (2007)

"

(23)

. (211)

(1000)

) (Handy)

. (

.

" (2007)

.

(15)

:

. (122)

() -1

() -2

" (2007)

"

(50) (21)

(4)

" (2007)

"

()
(106)

(

: 2005

.1

.2

" (2005)

"()

.
%52

%56

.
)

(

.
" (2004)
"

1998

.2002

:

.1

.2

.3

() (2004)
(

.

.

:

.1

.

.2

.

.3

.

: " (2001)
"

)
- 97

(
99 - 98

) (2001)
 (

) (2001)
 (

BSC

:

:

:

.1

.2

.3

:
 :
 .1
 .2
 :
 :
 .1
 .2
 "Corporate Performance in) (Makhamreh, 2001)
 (Jordan , Analysis and Evaluation
 1996 -1989
)
 Micro , Sectoral , Annual(
 EPS ,
 Micro Level Stock Price
 Stock Value
 Sectoral Level
 EPS, Stock Price
 Annual Level
 " (1998)
 "

(146)

" (Andersson, & Tengblad, 2009)
 When complexity meets culture: new public management and the Swedish
 " "police
 ".
 (268)

"Exploring the link between : (Jiming, 2008)
 " knowledge management performance and firm performance"
 "
 (17)

The relationship " (Macinat , 2007)
 management systems and organizational performance in between quality
 : Italian National Health Service the
 (379)

(Kaplan and Norton, 2005)

1992

(The Balanced Scorecard – Measures that Drive
Performance)

The) (Buckley & Monks, 2004)
(Implications of Meta – Qualities for HR Role

“

“

“

“

Applying an Expanded) (Dutch, 2004)
Appropriateness of SHRM Contingency Perspective to Assess The
(practices

(112)

The Effect of Prior) (Heslin,2003)

(Appraisals Judgments and Implicit Person Their on performance

The Relationship Between) (Li,2003)

Human Resource Management Practices And Perceptions Of
Organizational Performance Based On 1996-1997 National Organizations

(Survey (Nos) Data

Direct and) ((Michael,et.al, 2001)
moderating effects of human capital on strategy performance in
(professional service firms: a resource based perspective

The Effect of Human Resource) (Fey, 2000)
" (Management Practices on MNC Subsidiary Performance in Russia
"
(115)

(The Balanced (McAllister, 1994)
" " Scorecard)

(Segment Reports)

.

:

(1998)

.

:

.

.1

.2

)

) (

(

.

.3

.

: 1.3

-

(SPSS)

.

: 2.3

(590)

(397)

(26)

(%67.3)

(371)

.

(%62.9)

(1)

%16.2	60	
%26.4	98	
%51.5	191	
%5.9	22	
%75.7	281	
%24.3	90	
%19.9	74	30
%36.9	137	40-31
%28.6	106	50-41
%14.6	54	51
%15.6	58	5
%22.6	84	10-6
%38.5	143	15-11
%23.2	86	16
%4.6	17	
%7.8	29	
%17.0	63	
%70.6	262	

(1)

(%26.4)

(%51.5)

(%16.2)

(%5.9)

(40-31)

50-41)

(%36.9)

(%28.6)

(

51)

(%19.9)

(

30)

. (%14.6) (

(%75.7)

. (%24.3)

(15-11)

(16) (%38.5)

(10-6) (%23.2)

(5) (%22.6)

. (%15.6)

(%70.6)

(%4.6)

.

: **3 .3**

:

) : **-1**

.(

" (32) : **-2**

Sasso, 1986) "

(2007 , 1998

):

.(

" " (17) : -2
) :

.(
 (Likert)
 (4) () (5) ():
) (2) () (3) ()
 .(1) ()
 (2)

4-1
8-5
13-9
19-14
23-20
27-24
32-28
36-33
40-37
44-41
49-45

: 4.3
 (9)

: **5.3**

(test-retest)

(25)

: (3)

(3)

Alpha	Test-Retest		
0.85	0.87	4-1	1
0.82	0.84	8-5	2
0.85	0.86	13-9	3
0.84	0.85	19-14	4
0.87	0.88	23-20	5
0.87	0.88	27-24	6
0.88	0.89	32-28	7
0.86	0.89	36-33	1
0.85	0.87	40-37	2
0.88	0.91	44-41	3
0.84	0.87	49-45	4

: **6 .3**

.(SPSS.16)

:

:

(Descriptive Statistic Measures)

.

(VIF) :

(Tolerance) (Variance Inflation Factory)

(Multicollinearity)

(Skewness)

Multiple) .(Normal Distributions)

(Regression Analysis

Stepwise)

(Multiple Regression Analysis

One Way) :

(ANOVA

: 1.4

:

3.5

3.49 – 2.5

2.49 -1

(3.5)

(3.49 -2.5)

(2.49)

.

:

(4)

4	0.69	3.38	4-1
5	0.72	3.36	8-5
6	0.74	3.32	13-9
7	0.77	3.28	19-14
2	0.71	3.45	23-20
1	0.63	3.47	27-24
3	0.66	3.43	32-28
-	0.59	3.38	32-1

(4)

(3.38)

() (0.59)

() (0.63) (3.47)

(3.28)

.(0.77)

.1

1.00	3.45		.4
0.97	3.40		.3
1.01	3.36		.1
1.02	3.30		.2
0.69	3.38		4-1

(5)

$$\begin{array}{rcl} (& &) (4) & (0.69) \\ (1.00) & (3.45) & & \\ & &) (2) & \\ (3.30) & & & (\\ & & (1.02) & \end{array}$$

2. :

(6)

1.01	3.46	5.
1.01	3.39	6. إن إجراءات المعاملات المعمول بها في وزارتي غير مفهومه للعاملين.
1.00	3.31	8.
1.03	3.26	7.
0.72	3.36	8-5

(6)

(3.36)

(0.72) (5)

(3.46)

(

(1.01) (7)

(

(3.26) (1.03)

.3

:

(7)

0.97	3.56	.10
0.99	3.42	.9
1.01	3.35	.11
1.02	3.21	.13
1.04	3.06	.12
0.74	3.32	13-9

(7)

(3.32)

(0.74)

) (10)

(

(3.56)

(0.97)

) (7)

(

.(1.04)

(3.06)

: .4

(8)

0.99	3.37	.15
1.01	3.33	.16
0.98	3.29	.17
1.02	3.27	.19
1.03	3.25	.18
1.04	3.19	.14
0.77	3.28	19-14

(8)

(3.28)

) (15)

(0.77)

(

(0.99)

(3.37)

(

) (14)

(3.19)

.(1.04)

5. :

(9)

0.96	3.51	21. معظم الإجراءات المعمول بها في وزارتي قديمه.
1.00	3.50	23.
1.04	3.46	22.
1.03	3.32	20.
0.71	3.45	23-20
(9)		

(3.45)

(0.71) (21) (

(0.96) (3.51)

(20)

(

(1.03) (3.32)

: .6

(10)

0.95	3.56	.27
0.99	3.53	.25
0.98	3.47	.24
1.03	3.33	.26
0.63	3.47	27-24

(10)

(3.47)

) (27)

(0.63)

(3.56)

(

) (26)

(0.95)

(

.(1.03)

(3.33)

7.

:

(11)

0.98	3.47		.28
1.01	3.45	لا يهتم العاملین فی وزارتي بسرعة انجاز معاملات المواطنين.	.29
0.96	3.43		.30
0.99	3.41		.31
1.03	3.39	-)	.32
0.66	3.43	.(	32-28

(11)

(3.43)

) (28)

(0.66)

(

) (32)

(0.98)

(3.47)

((-)

.(1.03)

(3.39)

:

(12)

2	0.53	3.72	36-33
3	0.55	3.69	40-37
4	0.56	3.64	44-41
1	0.52	3.81	49-45
-	0.51	3.71	49-33

(12)

(0.51)

(3.71)

(3.81)

()

()

(0.52)

(3.64)

.(0.56)

,

,

,

.

:

: **.1**

(13)

0.93	3.87	.34
0.97	3.71	.36
0.99	3.68	.35
0.98	3.60	.33
0.53	3.72	36-33

(13)

(0.93) (3.87) (0.53) (3.72) (34)

(0.98) (3.60) (33)

: **.2**

(14)

0.91	3.82	.38
0.94	3.71	.37
0.92	3.64	.40
0.99	3.59	.39
0.55	3.69	40-37

(14)

) (38) (0.55) (3.69)

(

) (39) (0.91) (3.82)

(

(0.99) (3.59)

: .3

(15)

0.96	3.74	.43
0.99	3.65	.44
0.98	3.61	.41
1.00	3.56	.42
0.56	3.64	44-41

(15)

(43) (0.56) (3.64)
(
) (43) (0.96) (3.74)
(
(1.00) (3.56)

: .4

(16)

0.88	4.01	()	.48
0.91	3.92		.45
0.93	3.76		.47
0.92	3.75		.49
0.96	3.63		.46
0.52	3.81		49-45

(16)

) (48) (0.52) (3.81)

(()

(0.88) (4.01)

() (46)

(3.63)

(0.96)

:

.

(17)

.

*0.43-	*0.35-	*0.32-	*0.44-	*0.38-
*0.49-	*0.39-	*0.43-	*0.42-	*0.46-
*0.42-	*0.30-	*0.34-	*0.34-	*0.45-
*0.38-	*0.29-	*0.31-	*0.32-	*0.39-
*0.47-	*0.34-	*0.37-	*0.38-	*0.52-
*0.45-	*0.35-	*0.40-	*0.42-	*0.38-
*0.54-	*0.45-	*0.47-	*0.44-	*0.51-
*0.703-	*0.553-	*0.591-	*0.616-	*0.695-

($\alpha \leq 0.05$) *

(17)

(0.703-)

(0.695-)

()

()

.(0.553-)

: 2.4

:

Variance) (VIF) (Multicollinearity)
 (Tolerance) (Inflation Factory
 (10) (VIF)
 (0.05) (Tolerance)
 (Normal Distribution)
 (Skewness)
 (18) .(1)
 (18)

Skewness	Tolerance	VIF
0.625	0.760	1.316
0.624	0.643	1.556
0.616	0.783	1.277
0.781	0.790	1.267
0.786	0.704	1.421
0.546	0.776	1.289
0.445	0.732	1.366

10 (VIF)
 (Tolerance) (1.556 -1.267)
 (0.05) (0.790 -0.643)
 (Multicollinearity)
 (Skewness)
 (1)

(19)

(Analysis Of variance)

F					
F				R ²	
0.000	*55.64	9.118	63.824	0.518	(363 7)
		0.164	59.480		
0.000	*52.26	13.106	91.743	0.502	(363 7)
		0.251	91.041		
0.000	*36.63	9.375	65.626	0.414	(363 7)
		0.256	92.905		
0.000	*31.29	8.314	58.200	0.376	(363 7)
		0.266	96.452		
0.000	*26.08	7.128	49.893	0.335	(363 7)
		0.273	99.195		

($\alpha \leq 0.05$)

*

(19)

($\alpha \leq 0.05$)

(F)

(%51.8)

(363 7)

(%50.2)

()

()

(%41.4)

()

)

(%37.6)

()

(%33.5)

(

(20)

t		Beta	B	
t				
0.000	*4.392-	0.184-	0.022	0.097-
0.002	*3.081-	0.140-	0.019	0.059-
0.004	*2.925-	0.121-	0.019	0.054-
0.022	**2.303-	0.094-	0.017	0.038-
0.007	*2.710-	0.118-	0.020	0.052-
0.000	*4.855-	0.201-	0.020	0.094-
0.000	*6.155-	0.262-	0.023	0.141-
$(\alpha \leq 0.01)$				*
$(\alpha \leq 0.05)$				**

(20)

)

(t)

(

2.7410- 2.925- 3.081- 4.392-) (t)

.($\alpha \leq 0.01$) (6.155- 4.855-

()

(2.303-) (t) (0.094) (Beta)

.($\alpha \leq 0.05$)

:

:

($\alpha \leq 0.05$)

)

(

.

(21)

"Stepwise Multiple Regression "

*t	t	R ²
0.000	*6.45	0.287
0.000	*5.25	0.387
0.000	*4.60	0.437
0.000	*3.70	0.479
0.000	*3.22	0.492
0.001	*3.03	0.502
0.004	*2.89	0.518

($\alpha \leq 0.05$) *

Stepwise Multiple)

(Regression

(21)

(%28.7)

(%38.7)

(%43.7)

(%47.9)

(%49.2)

(%50.2)

(%51.8)

.

$(\alpha \leq 0.05)$

:

)

.
(22)

	t	Beta	B	
t				
0.019	**2.362-	0.100-	0.027	0.065-
0.036	**2.101-	0.097-	0.024	0.050-
0.000	*4.732-	0.198-	0.023	0.108-
0.004	*2.904-	0.121-	0.021	0.060-
0.000	*5.307-	0.234-	0.025	0.161-
0.011	**2.541-	0.107-	0.024	0.061-
0.000	*5.330-	0.231-	0.028	0.151-
			($\alpha \leq 0.01$)	*
			($\alpha \leq 0.05$)	**

(22)

)

(t)

(

(5.330- 5.307- 2.904- 4.732-) (t)

.($\alpha \leq 0.01$)

)

(

(t) (0.107- 0.097- 0.100-) (Beta)

(2.541- 2.101- 2.362-)

.($\alpha \leq 0.05$)

:
) ($\alpha \leq 0.05$) :

. (23)

"Stepwise Multiple Regression "

*t	t	R ²
0.000	*5.84	0.273
0.000	*5.62	0.384
0.000	*5.10	0.445
0.000	*3.48	0.471
0.000	*2.97	0.480
0.006	*2.74	0.488
0.012	*2.53	0.502

($\alpha \leq 0.05$) *

Stepwise Multiple)

(Regression

(23)

(%27.3)

(%38.4)

(%44.5)

(%47.1)

(%48)

(%48.8)

(%50.2)

($\alpha \leq 0.05$)

:

)

(

(24)

t		Beta	B	
t				
0.000	*5.735-	0.264-	0.028	0.159-
0.031	**2.170-	0.109-	0.024	0.052-
0.130	***1.519-	0.069-	0.023	0.035-
0.123	***1.546-	0.070-	0.021	0.030-
0.201	***1.282-	0.061-	0.025	0.032-
0.000	*5.170-	0.236-	0.024	0.126-
0.000	*4.025-	0.189-	0.029	0.116-
($\alpha \leq 0.01$)				*
($\alpha \leq 0.05$)				**
($\alpha \leq 0.05$)				**

(24)

)

(t)

(

(t)

(4.025- 5.170- 5.735-)

$(\alpha \leq 0.01)$
 ()
 (0.109) (Beta)
 (2.170-) (t)
 $(\alpha \leq 0.05)$
)
 (
 (t)
 (1.96) (1.282- 1.546- 1.519-)
 : $(\alpha \leq 0.05)$
 $(\alpha \leq 0.05)$:
)
 (
)
 (
 .
 (25)

"Stepwise Multiple Regression "

*t	t	R ²
0.000	*6.534	0.194
0.000	*5.879	0.310
0.000	*3.402	0.378
0.009	*2.89	0.396

$(\alpha \leq 0.05)$

*

Stepwise Multiple)

(Regression

(26)

)

(t)

(

(5.042- 4.326- 3.310-)

(t)

.($\alpha \leq 0.01$)

(

)

(Beta)

(2.310-)

(t)

(0.110)

.($\alpha \leq 0.05$)

)

(

(t)

(1.96)

(1.307- 1.509- 1.836-)

:

.($\alpha \leq 0.05$)

($\alpha \leq 0.05$)

:

)

(

)

.

(

.

(27)

"Stepwise Multiple Regression "

*t	t	R ²
0.000	5.313*	0.299
0.000	4.142*	0.342
0.000	5.008*	0.356
0.010	2.602*	0.361

($\alpha \leq 0.05$)

*

Stepwise Multiple)

(Regression

(27)

(%29.9)

(%34.2)

(%35.6)

(%36.1)

)

.

(

)

.(

($\alpha \leq 0.05$)

:

)

$$\left(\begin{array}{c} \cdot \\ (28) \end{array} \right)$$

	t	Beta	B	
t				
0.000	*3.514-	0.173-	0.029	0.101-
0.031	**2.166-	0.116-	0.025	0.053-
0.214	***1.246-	0.060-	0.024	0.030-
0.172	***1.368-	0.066-	0.022	0.029-
0.297	**1.045-	0.053-	0.026	0.027-
0.001	*3.335-	0.162-	0.025	0.083-
0.000	*5.092-	0.255-	0.030	0.151-
			($\alpha \leq 0.01$)	*
			($\alpha \leq 0.05$)	**
			($\alpha \leq 0.05$)	**

(28)

$$\left(\begin{array}{c}) \\ (t) \\ (\end{array} \right)$$

(t)

$$\left(\begin{array}{c} (5.092- \quad 3.335- \quad 3.514-) \\ .(\alpha \leq 0.01) \end{array} \right)$$

$$\left(\begin{array}{c}) \end{array} \right)$$

(Beta)

$$\left(\begin{array}{c} (2.166-) \quad (t) \quad (0.116-) \\ .(\alpha \leq 0.05) \end{array} \right)$$

$$\left(\begin{array}{c}) \end{array} \right)$$

$$\left(\begin{array}{c} (\end{array} \right)$$

$$\left(\begin{array}{c} (1.045 \quad 1.368 \quad 1.246) \quad (t) \end{array} \right)$$

$$.(\alpha \leq 0.05) \quad (1.96)$$

\therefore : \therefore
) $(0.05 \geq \alpha)$

. (
)
 (

(29)

"Stepwise Multiple Regression "

*t	t	R ²
0.000	*5.653	0.204
0.000	*4.162	0.265
0.000	*4.075	0.300
0.001	*3.241	0.318

$(\alpha \leq 0.05)$ *

Stepwise Multiple)

(Regression

(29)

(%20.4)

(%26.5)

(%30)

(%31.8)

)
(

.

.()

:

$(\alpha \leq 0.05)$

)

(

(One Way Anova)

()

(Scheffe Test)

) (T.test)

:

(30)

()

()

0.000	*18.72	27.03 0.286	81.309 105.085	(367 3)
0.016	**3.458	1.434 0.496	4.303 182.091	(367 3)
0.000	*36.184	12.318 0.407	36.953 149.441	(367 3)
0.000	*5.131	2.781 0.485	8.344 178.050	(367 3)

$(\alpha \leq 0.01)$

*

$(\alpha \leq 0.05)$

**

:

:

(30)

($\alpha = 0.000$)

($F = 18.72$)

($\alpha \leq 0.05$)

(Scheffe Test)

() (31)

()

()

()

.()

()

()

.()

()

()

.()

()

(31)

*0.43	*0.37	-	-	3.14
*0.33	*0.27	-	-	3.24
-	-	-	-	3.51
-	-	-	-	3.57

($\alpha \leq 0.05$) *

:

:

(30)

($\alpha = 0.016$)

(F=3.458)

($\alpha \leq 0.05$)

(32)

(Scheffe Test)

(16)

(5)

(5)

(16)

.(5)

(10-6)

(32)

16	15-11	10-6	5		
-	-	-	-	3.53	5
-	-	-	-	3.34	10-6
-	-	-	*0.25	3.29	15-11
-	-	-	*0.24	3.28	16
(α ≤ 0.05)					*

:

:

(30)

($\alpha = 0.000$)

(F=36.148)

$$\begin{aligned}
 & (\alpha \leq 0.01) \\
 & \text{(Scheffe, Test)} \\
 &) \quad (33) \\
 &) \quad (\quad) \quad (\\
 & \quad \quad \quad .(\\
 & \quad \quad (\quad) \quad (\quad) \\
 & \quad \quad \quad .(\quad) \\
 & \quad \quad (\quad) \quad (\quad) \\
 & \quad \quad \quad .(\quad) \\
 &) \quad (\quad) \quad (\quad) \\
 & \quad \quad \quad .(\\
 & (33)
 \end{aligned}$$

-	-	-	-	3.71
-	-	-	-	3.54
-	-	*0.36	0.53	3.18
-	-	*0.53	*0.70	3.01

$(\alpha \leq 0.05)$

*

:

:

(30)

$(\alpha=0.000)$

$(F=5.131)$

$(\alpha \leq 0.01)$

(34) (Scheffe Test)

(51)

(51) (30)

(40-31) (51)

(51)

(50-41) (51)

.(51)

(34)

	51	50 -41	40 -31	30	
*0.53	-	-	-	3.05	30
*0.35	-	-	-	3.23	40 -31
*0.34	-	-	-	3.24	50 -41
-	-	-	-	3.58	51
(α ≤ 0.05) *					

:

:

(35)

()

(t) ()

(0.770) (t)

(α ≤ 0.05) (α =0.443)

) ()

.(

(35)

(t)

.()

(t)				
0.443	*0.770	0.61	3.32	72
		0.65	3.38	269

($\alpha \leq 0.05$) *

:

($\alpha \leq 0.05$)

)

.(

(36)

(F)				
0.307	1.205	0.827 1.034	2.482 379.498	(367 3)
0.000	*13.02	6.399 0.989	19.197 362.782	(367 3)
0.001	*5.64	2.856 1.017	8.567 373.413	(367 3)
0.019	*3.33	1.698 1.026	5.094 376.885	(367 3)

($\alpha \leq 0.05$) *

:

:"

"

(36)

()

($\alpha=0.307$)

(F=1.205)

($\alpha \leq 0.05$)

:

:"

"

(36)

()

($\alpha = 0.000$)

($F = 13.02$)

($\alpha \leq 0.05$)

(37)

(5)

(16)

(5)

(3.93) (16)

.(16)

(3.50)

(16)

16)

(10-6)

(3.56)

(10-6)

(3.93) (

.(16)

(16)

(3.93) (16)

(15-11)

(3.63)

(15-11)

.(16)

(37)

16	15-11	10-6	5		
*0.43	-	-	-	3.50	5
*0.37	-	-	-	3.56	10-6
*0.30	-	-	-	3.63	15-11
-	-	-	-	3.93	16
$(\alpha \leq 0.05)$					*

:

:"

"

(36)

()

$(\alpha = 0.001)$

$(F=5.64)$

$(\alpha \leq 0.05)$

(38)

() ()

) (3.91) ()

(3.56) (

() ()

(3.91) () (3.61) ()

(38)

*0.35	-	-	-	3.56
*0.30	-	-	-	3.61
-	-	-	-	3.70
-	-	-	-	3.91
$(\alpha \leq 0.05)$				*
				:
				:" "

(36)

()

$(\alpha=0.019)$

$(F=3.33)$

$(\alpha \leq 0.05)$

(39)

30)

(3.80) (51) (51) (3.57) (30)

.(51)

(39)

51	50-41	40-31	30		
*0.23	-	-	-	3.57	30
-	-	-	-	3.59	40-31
-	-	-	-	3.64	50-41
-	-	-	-	3.80	51
$(\alpha \leq 0.05)$					*

"

:

:"

(40)

(t)

($\alpha = 0.856$)

(t=0.183)

($\alpha \leq 0.05$)

.

(40)

(t)

(t)			
0.856	*0.183	0.74	3.64
		0.60	3.65
$(\alpha \leq 0.05)$			

:

3 .4

.1

()

()

,

,

,

,

.

(2007)

.

(Andersson, & Tengblad, 2009)

.

.2

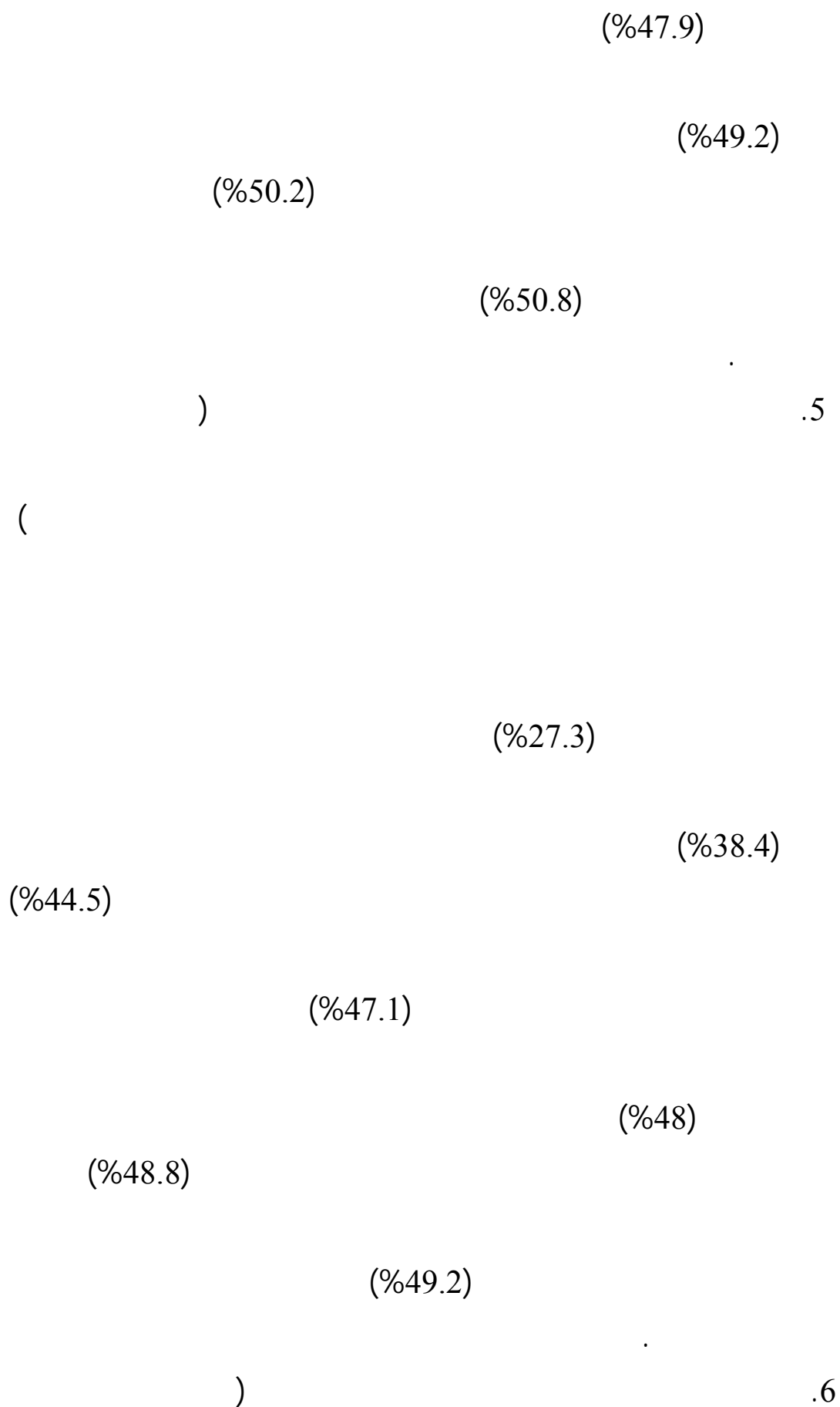
)

()

(

.

) (2009) (2007)
 (2007) (2007
 (%51.8) .3
) (%50.2) ()
 () (%41.4) ()
) (%37.6)
 () (%33.5) ()
 .
) .4
 (
 (%28.7)
 (%38.7)
 (%43.7)



(

(%19.4)

(%31)

(%37.8)

(%39.6)

.

)

(

)

.(

)

.7

(

(%29.9)

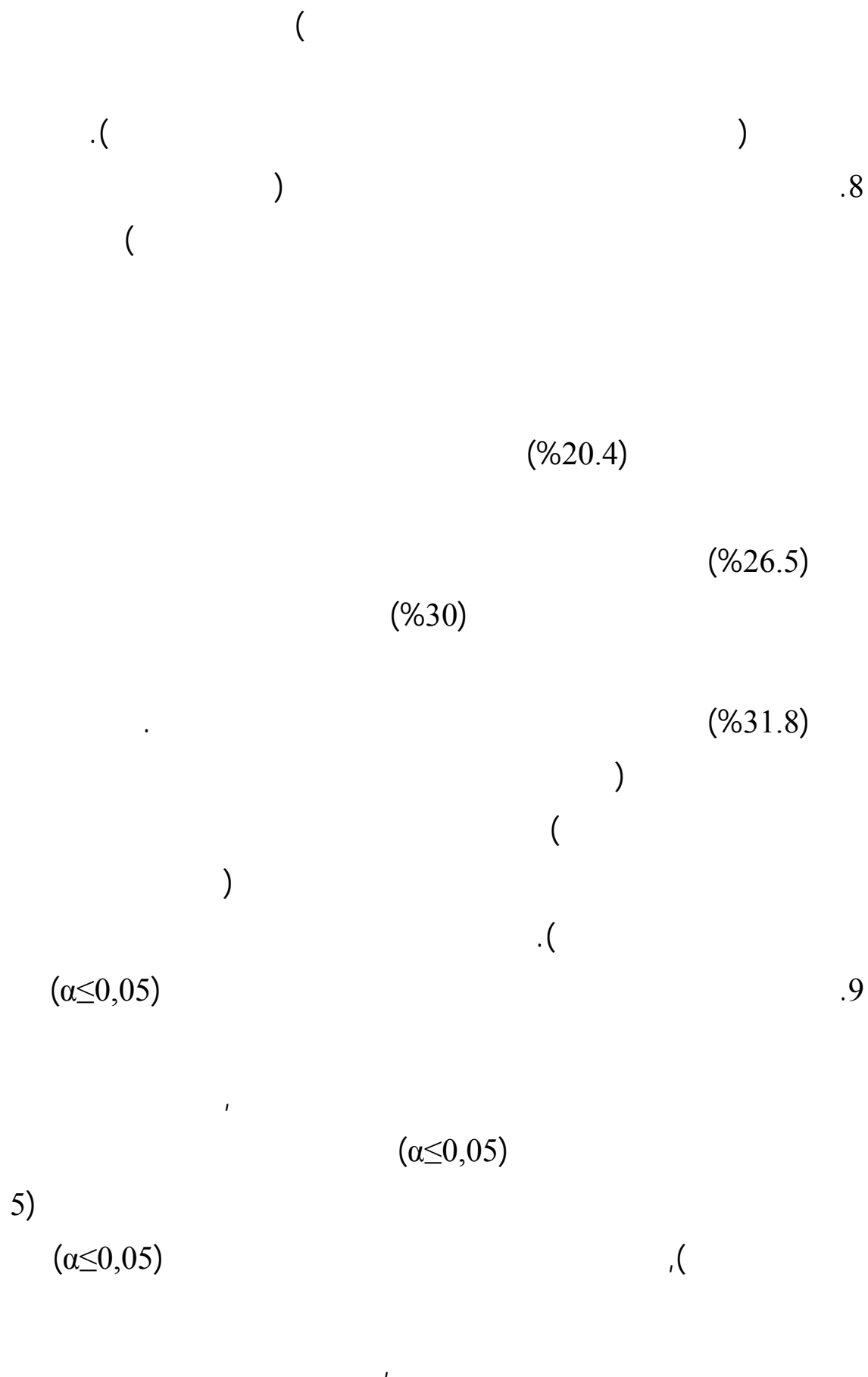
(%34.2)

(%35.6)

(%36.1)

)

.



$(\alpha \leq 0,05)$
 $(\alpha \leq 0,05)$

$(\alpha \leq 0,05)$
 $(\alpha \leq 0,05)$

$(\alpha \leq 0,05)$
 $(\alpha \leq 0,05)$

: 4.4

-:

.1

:

-

.

-

.

-

.

-

.

.2

,

.

.3

,

,

,

,

.

.4

.

：
(2001)

：
・

(2005)

・

(1998)

：

" (2005)

"

・

(2007)

・
：
：

(2003)

・

-

(2006)

.79-57 (31)

(1996)

・

BSC

(2001)

-

・

" (2007) ・

"

・

" " :(2007)

.
(2001)
(2007)

34

.123-108 2
:(1999) .

:
(29) " (2009) .

.109-84 (1)
(2001)

.48-1
(2008)

.
(2007)

.
(2007)

.
:
" (2004)
"

-61 (5) (4)

.83

: (2002)

1

. -

: .(2002) .

.

:

(2000)

.

.

:

(2005)

.

" (2007)

.

(2008)

.

" " (2007)

.

(2004)

17-15

.

" (2009)

:

(23)

.128-96 (1)

:

.(1999) .

" (2001)

"

" (2008)

"

(1990)

(2002)

(2008)

115

.219-205

()

(1995)

(2007)

(2004)

(1998)

(1995)

2

(2007)

(2007)

(2009)

: 5

.(2002).

(2005)

) 13 -9

(2004)

"

(2008)

()

(1999)

(2004)

(2007)

1

(1996)

： " (2001)

"

(1999)

1

(2005)

32 : ()

.433 – 415: 2 :

(2002)

2000-1991

"

" (2001)

：

.(2005)

(2004)

(2005)

- Andersson Thomas, Tengblad Stefan (2009) When complexity meets culture: new public management and the Swedish police, **Qualitative Research in Accounting & Management**, Volume: 6 , Issue: 1/2, pp: 41 - 56
- Andreas Großler, Andre Grubner, Peter M. Milling (2006) Organizational adaptation processes to external complexity, **International Journal of Operations & Production Management**, Volume: 26, Issue: 3, pp: 254 - 281
- Angell, G and lance R. (2009) Communication comforting strategies and social bereavement: Verbal and Nonverbal Planning”. **Journal of personal and Interpersonal Loss**, Vol. 3, No. 3, PP.271-283.
- Beardwell, I. & Holden , L. (2005) , **Human Resource Management** Pearson education , 3th edition.
- Biren Prasad(2005) Designing products for variety and how to manage complexity, **Journal of Product & Brand Management**, Volume: 7, Issue:3, pp: 208 - 222
- Bjorkman Julie M. (2009) Change communication: Enabling individuals to act, **Research in Organizational Change and Development**, Volume: 17 , pp: 349 - 384
- Buckley , Finian ; Monks , Kathy (2004) , The Implications of Meta – Qualities for HR Role , **Human Resource Management Journal**, vol . 14 ,no. 4, pp:79-93.
- Daft R. L, (2001) : **Management** , 3rd ed, Dry den Press , Florida.
- Daft, R.L. , (2004) , **Organizational theory and design**, Thomson Learning , USA, 8th edition.
- Dougherty, D. & Hardy, C. (1996). Sustained product innovation in large, mature organizations: Overcoming innovation-to-organization problems. **Academy of Management Journal**, 39(3), pp:289-296.
- Dutch , Michael Anthony (2004) , **Applying an Expanded Contingency Perspective to Assess The Appropriateness of SHRM practices** (unpublished Thesis PhD The sis university of Houston) available on : 8/12/2004,<http://www.lib.umi.com/>.
- Fey , Carel F. (2000) , The Effect of Human Resource Management Practices on MNC Subsidiary Performance in Russia, **Journal of International Business Studies**, vol: 32, No:1, First Quarter.
- Fitzgerald, L., Johnston, R., Brignall, TJ., silvestro,R. and Voss, C., (1991), **Performance measures in Service Business**, CIMA publication, London .
- Gerhart, B. (2007) Sources of variance in incumbent perceptions of job complexity. **Journal of Applied Psychology**, 73 (2), 154- 162.

- Govindarajan,V. and Shank,J.,(1992), Strategic cost Management: tailoring controls to strategic, **Journal of cost management** , vol. 6, NO.3, PP.14-25.
- Gregory, M.J., (1993), Integrated performance Measurement: a review of current practice and emerging trends , **International Journal of production Economics** , vol.30-31., PP. 281-296.
- Halachmi A. and Boucharet, G.,(2001) Performance Measurement Organizational Technology and Organizational Design, **Work Study** Vol. 43, No. 3, pp. 19-20.
- Hanna, D.(2003) **Designing Organization for High Performance, England**, Addison Wesley Publishing Company.
- Harrington, J., & Harrington, J. (1998). **High performance benchmarking: 20 steps to success**. New York: McGraw-Hill.
- Heslin , Peter Andrew (2003), **The Effect of Prior Judgements and Implicit Person Thear on Performance Appraisals** (pHD The sis University of All Rights Reserved - Library of University of Jordan - Center of Thesis Deposit 233 Toronto “ Canada“) , available on : 8/12/2004, [http : // wwwlib.umi.com/ dissertations / preview _ all NQ84768](http://wwwlib.umi.com/dissertations/preview_allNQ84768)
- Ho, L.-A. (2008). "What affects organizational performance? The linking of learning and knowledge management." **Industrial Management + Data Systems**, Volume 108:9, pp:1234-1254.
- Hughes, L.R.,(2002)," **Leadership**" , New York , McGraw Hill .
- Jiming. (2008) "**Exploring the link between knowledge Management performance and firm performance**", Unpublished Doctoral thesis.
- Johnson,H.and Kaplan ,R., (1987), Relevance Lost-the Rise and Fall management Accounting , **Harvard Business School press**, Boston, MA.
- Kaplan, R.S., (1983), Measuring manufacturing performance: a new challenge for managerial accounting Research, **The Accounting Review**, October, PP.686-703.
- Kaplan, R.S., (1984), The evaluation of management accounting, **The Accounting Review**, July, PP.390-418.
- Kaplan, Robert S., and Atkinson, Anthony A., (1997), **Advanced Management Accounting**, Third Edition, Prentice Hall, pp. 367.
- Kaplan, Robert S., and Norton, David P., (1992), The Balanced Scorecard-Measures That Drive Performance, **Harvard Business Review**, Vol. 70, Issue 1, pp. 71-79

- Kaplan, Robert S., and Norton, David P., (1993), Putting The Balanced Scorecard To Work, **Harvard Business Review**, Vol. 71, Issue 5, pp. 134-140.
- Kaplan, Robert S., and Norton, David P., (2005), The Balanced Scorecard-Measure That Drive Performance, **Harvard Business Review**, Vol. 83, Issue. 7, pp. 172-179.
- Kivimaki, M., Kuk, G., Elovaino, M., Thomson, L., Kalliomaki- Levanto, T. & Heikkila, A. (2006). The Team Climate Inventory (TCI) – four or five factors? Testing the structure of the TCI in samples of low and high complexity jobs. **Journal of Industrial and Organizational Psychology**. 70 (4), pp: 375-390
- Kotler,P., (2000), "**Marketing Management**", 8th ed., New Jersey: prentice-Hall.
- Li, Yan (2003), **The Relationship Between Human Resource Management Practices And Perceptions Of Organizational Performance Based On 1996-1997 National Organizations Survey (Nos) Data** ,Unpublished (unpublished Thesis Phd The Pennsylvania State University) available on 8/12/2004 <http://wwwlib.umi.com>.
- Macinati ,Manuela S.,(2007)The relationship between quality management systems and organizational performance in the Italian National Health Service, **health Policy**, Volume (85), Issue (2), pp: 228-241
- Makharmreh , Muhsen , (2001) “ Corporate Performance in Jordan , Analysis and Evaluation “ **Dirasat** , Volume 28 . Administration Science . No.1, pp:276-291.
- Malcolm Higgs, Ulrich Plewnia, Jorg Ploch(2005) Influence of team composition and task complexity on team performance, **Team Performance Management**, Volume: 11, Issue: 7/8, pp: 227 - 250
- McAllister, John P., (1994), The Blanched Scorecard, **Harvard Business Review**, Vol. 72, Issue. 3, pp. 156-157.
- Michael Bokeno(2008) Complexity: an alternative paradigm for teamwork development, **Development and Learning in Organizations**, Volume: 22, Issue: 6, pp: 7 - 10
- Michael, Carrell, R & others ,(2001) **Human Resource Manegment : Strategies For Manegment adiverse and global work force**, 6th edition (Forth Worth: Dryden Press).
- Nanni, A., Dixon, R. and vollmann, T., (1990), strategic control and performance measurement, **Journal of cost management**, summer, vol.4, No.2. PP.33-43.
- Oldcorn, R.; D. Parker(1996) **The Strategic Investment Decision:**

- Evaluating Opportunities in Dynamic Markets**, Pitman Publishing, London.
- Ramaswamy, R. (1996). **Design and management of service processes: Keeping customers for life**. Massachusetts: Addison-Wesley.
- Rao ,T. V. (2004) **Performance management and appraisal systems** ,Response books, New Delhi ,1st edition.
- Robbins, Stephen P. (2001): **Organizational Behavior**, 9Ed, New Jersey, Prentice – Hall International, Inc.
- Samman , Aref (2004), **Efficiency And Performance**, available on: :8/12/2004 <http://www.mmsec.com/eff&per.htm>
- Sasso, William C(1986) **Measuring work Complexity. Information Systems** Working Papers Series, Vol. , pp1-9. -. Available on SSRN: <http://ssrn.com/abstract=1289759>
- Shaw, J. D., Gupta, N., & Delery, J. E. (2005). “Alternative Conceptualizations of the Relationship between Voluntary Turnover and Organizational Performance.” **Academy of Management Journal**, Volume 48:1, pp: 50-68.
- Valentine Sean R. (2001) A path analysis of gender, race, and job complexity as determinants of intention to look for work, **Employee Relations**, Volume: 23, Issue: 2 , pp: 130 - 146
- Vicente Martinez-Tur, Jose´ M. Peiro´, Jose´ Ramos(2001) Linking service structural complexity to customer satisfaction: The moderating role of type of ownership, **International Journal of Service Industry Management**, Volume:12, Issue: 3, pp: 295 - 306
- Wheelen, Thomas L. ; Hunger, David (2002), **Strategic Management and Business Policy**, Prentice Hall, USA.
- Wilson ,J.P., (2005) , **Human Resource Development**, Kogan Page Limited , London , 2nd edition.
- Wolfe, R. A. (1994). Organizational innovation: Review, critique and suggested research directions. **Journal of Management Studies**, 31(3), pp:82-104.
- Zuraidah Mohd-Sanusi, Takiah Mohd-Iskandar (2007) Audit judgment performance: assessing the effect of performance incentives, effort and task complexity, **Managerial Auditing Journal**, Volume: 22, Issue: 1, pp: 34 – 52.

()

:

"

"

(_x)

:

(X)

:

.	()	.	()	:	-
.	()	.	()		
.	()	.	()	:	-3
.	40-31 ()	.	30 ()	:	-4
.	51 ()	.	50-41 ()		
.	10-6 ()	.	5 ()	:	-5
.	16 ()	.	15-11 ()		
.	()	.	()	:	-6
.	()	.	()		

(x)

						.1
						.2
						.3
						.4
						.5
						.6
						.7
						.8
						.9
						.10
						.11
						.12
						.13
						.14
						.15
						.16
						.17
						.18
						.19
						.20

					.	.21
					.	.22
					.	.23
						.24
					.	.25
					(	.26
						.27
						.28
						.29
						.30
					.	.31
					(-)	.32

(x)

						.33
						.34
						.35
						.36
						.37
						.38
						.39
						.40
						.41
						.42
						.43
						.44
						.45
						.46
						.47
					()	.48
						.49

()

		.
		.

()

()

:

) 1950 / 1344

—

—

.

(

1959/ 1379

(142)

. 1960/2/27

1379/9/2

—

—

.

,

.

, () 1390

(64/)

(87)

. 1395/7/14

—

—

.